

## 110.7 - Health Care and Nutrients (Liquid & Solid Forms)

These SRMs and RMs are for use in determining the nutritional contents of foods. The SRMs are certified for such dietary constituents as proximates (solids, ash, protein, carbohydrate, and fat), calories cholesterol, selected fatty acids, vitamins, niacin, folic acid, pantothenic acid, biotin, choline, and selected minerals and trace elements. NOTE: Only selected constituent values are shown below for information. Consult the relevant certificate or report of investigation for all available certified and non-certified values.

Also see [Table 110.1](#), [Table 110.3](#) and [Table 110.9](#)

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

Nutritional Constituent (Concentrations are mass fractions (in %))															
SRM	Description	Unit of Issue	<i>d</i> - $\alpha$ -Tocopheryl Acetate	Acrylamide	Aflatoxin	Amino Acids	Ash	Caffeine	Calories*	Carbohydrate	Cholesterol	Elements	Ergocalciferol	Extractable Fat	Fat as a Sum of Fatty Acids
1544	Fatty Acids/Cholesterol in Frozen Diet Composite	4x15 g					1.0		1221	16.9	X	X		3.7	
1546	Meat Homogenate	4x85 g				X	3.21		252	1.77	X	X		21.0	19.7
1548a	Typical Diet	set (2)					4.042		481	58.36		X		19.41	
1566b	Oyster Tissue	25 g					3.87					X			
1570a	Trace Elements in Spinach Leaves	60 g					14.66					X			
1845	Cholesterol in Whole Egg Powder	35 g													
1849	Infant/Adult Nutritional Formula	10 packets x 10 g each				X	4.52		527	50.2	X	X			31.0
1946	Lake Superior Fish Tissue	5 x 7-9 grams					1.10		159	(0.93)		X		10.17	8.76
1947	Lake Michigan Fish Tissue	5 x 8 grams					1.07		152	(0.9)		X		10.4	8.50
2383	Baby Food Composite	4 X 70 g					1.09		166.5	27.49				4.67	
2384	Baking Chocolate	5 X 91 g		X			2.78	X	631.0	32.4		X		51.4	50.3
2385	Slurried Spinach	4x70 g					0.97		18.16	2.73					0.20
2387	Peanut Butter	3 x 170 g		X	X	X	3.10		629	25.0		X		51.6	49.8
3278	Tocopherols in Edible Oils	5 x 1 mL													
8445	Spray-Dried Whole Egg for Allergen Detection	5 g													
8642	FDA Saxitoxin Dihydrochloride Solution	10 x 1.2 mL													

"X" indicates parameter is characterized. See certificate for values.

\* Units for Calories are in kcal/100g

Certified values are normal font.

Reference values are italicized.

Values in parentheses are for information only.

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Fatty Acids		Lactose	
X			
X			
X		X	
X			
X			
X			
X			

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Nutritional Constituent (Concentrations are mass fractions (in %))															
SRM	Description	Unit of Issue	Methylmercury	Moisture	Nitrogen	Nucleotides	PBDE	PCB Congeners	Pesticides	Protein	Saxitoxin Dihydrochloride	Solids	Sucrose	Tocopherols	Total Dietary Fiber
1544	Fatty Acids/Cholesterol in Frozen Diet Composite	4x15 g		73.1						5.3					
1546	Meat Homogenate	4x85 g								14.9		40.5	X		
1548a	Typical Diet	set (2)			3.03					18.08					4.31
1566b	Oyster Tissue	25 g		4.6	7.6					42.6		95.4			6.5
1570a	Trace Elements in Spinach Leaves	60 g		3.45	6.06					35.8		96.55			30.5
1845	Cholesterol in Whole Egg Powder	35 g													
1849	Infant/Adult Nutritional Formula	10 packets x 10 g each				X				13.3		98.4		X	
1946	Lake Superior Fish Tissue	5 x 7-9 grams	X	71.4				X	X	17.8		28.6			
1947	Lake Michigan Fish Tissue	5 x 8 grams	X				X	X	X	17.0		27.1			
2383	Baby Food Composite	4 X 70 g								3.89		37.19			
2384	Baking Chocolate	5 X 91 g								13.18		98.37		X	14.5
2385	Slurried Spinach	4x70 g								1.42		5.28			1.55
2387	Peanut Butter	3 x 170 g								22.2		99.2		X	5.57
3278	Tocopherols in Edible Oils	5 x 1 mL												X	
8445	Spray-Dried Whole Egg for Allergen Detection	5 g								48					
8642	FDA Saxitoxin Dihydrochloride Solution	10 x 1.2 mL									X				

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Vitamins

x

x

x

x

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